

Hemoglobin subunit alpha Recombinant Protein | Hba recombinant protein

Recombinant Mouse Hemoglobin subunit alpha

CATALOG #
AAA116121

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

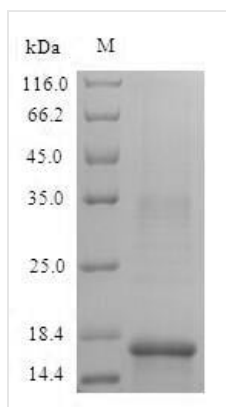
PRODUCT SYNONYMS

Hemoglobin subunit alpha; Recombinant Mouse Hemoglobin subunit alpha; Alpha-globin; Hemoglobin alpha chain; Hba recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-142aa; Full Length of Mature Protein
Sequence	VLSGEDKSNI KAAWGKIGGH GAEYGAEALE RMFASFPTTK TYFPHFDVSH GSAQVKGHGK KVADALASAA GHLDDLPGAL SALSDLHAHK LRVDPVNFKL LSHCLLVTLA SHHPADFTP A VHASLDKFLA SVSTVLTSKY R
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Hba recombinant protein

Involved in oxygen transport from the lung to the various peripheral tissues.

References	The complete sequence of a chromosomal mouse alpha-globin gene reveals elements conserved throughout vertebrate evolution.Nishioka Y., Leder P.Cell 18:875-882(1979) Hemoglobins of mice sequence and possible ambiguity at one position of the alpha chain.Popp R.A.J. Mol. Biol. 27:9-16(1967) Lubec G., Klug S., Kang S.U.Submitted (APR-2007) to UniProtKB Comparison of cloned mouse alpha- and beta-globin genes conservation of intervening sequence locations and extragenic homology.Leder A., Miller H.I., Hamer D.H., Seidman J.G., Norman B., Sullivan M., Leder P.Proc. Natl. Acad. Sci. U.S.A. 75:6187-6191(1978) Characterization and kinetics of synthesis of 15S beta-globin RNA, a putative precursor of beta-globin mRNA.Curtis P.J., Mantei N., Weissmann C.Cold Spring Harb. Symp. Quant. Biol. 42:971-984(1978) SIRT5-mediated lysine desuccinylation impacts diverse metabolic pathways.Park J., Chen Y., Tishkoff D.X., Peng C., Tan M., Dai L., Xie Z., Zhang Y., Zwaans B.M., Skinner M.E., Lombard D.B., Zhao Y.Mol. Cell 50:919-930(2013) Studies on the mouse hemoglobin loci. 8. A fourth alpha-chain phenotype.Popp R.A.J. Hered. 60:126-133(1969) Popp R.A.(In) Altman P.A., Katz D.D. (eds.) ;Inbred and genetically defined strains of laboratory animals, pp.105-105, Federation of American Societies for Experimental Biology, Bethesda (1979) The primary structure of genetic variants of mouse hemoglobin.Popp R.A., Bailiff E.G., Skow L.C., Whitney J.B. IIIBiochem. Genet. 20:199-208(1982)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	122441
NCBI GeneID	15122
UniProt Accession #	P01942
Molecular Weight	17 kDa
NCBI Official Full Name	Hemoglobin subunit alpha
NCBI Official Synonym Full Names	hemoglobin alpha, adult chain 1
NCBI Official Symbol	Hba-a1
NCBI Official Synonym Symbols	Hba; Hba1; Hbat1
NCBI Protein Information	hemoglobin subunit alpha
UniProt Protein Name	Hemoglobin subunit alpha
UniProt Gene Name	Hba
UniProt Synonym Gene Names	Hba-a1
UniProt Entry Name	HBA_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.